Form G-2 (Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Tes | st: | | | | (See Instructions on Reverse Side) | | | | | | | | | |
|--|-------------------|---|---|--|--|---------------------------------|--|---|--|-----------------------------|----------------------------|--|---|--|
| Open Flow Deliverabilty | | | | Test Dat | Test Date: 8/3/11 | | | APT NO. 28 TO THE PARTY OF THE | | | | | | |
| Company MIDCO Exploration, Inc. | | | | | | Lease J L Graves | | | Well Number #1 | | | | | |
| County Location BARBER NE SW NW | | | | Section 33 | Section 33 | | TWP 34S | | RNG (E/W) 12W | | Acres Attributed | | | |
| Field HARDTNER | | | | Reservoi MISSIS | | | - | Gas Gathering Conr ONEOK | | ection | | | | |
| Completion Date 9/14/1956 | | | | | - | Plug Back Total Depth 4858 | | | Packer S | | | | | |
| Casing Size Weight 5 1/2 | | | | | Internal Diameter | | Set at 4858 | | rations | то 4756 | | | | |
| Tubing S 2 3/8 | Tubing Size Weigh | | | | Internal Di 1.995 | | iameter Set a | | Perforations | | To | | | |
| Type Completion (Describe) | | | | | id Productio | | Pump U | | it or Traveling | Plunger? Yes | / No | | | |
| Producing Thru (Annulus / Tubing) TUBING | | | | | | Carbon Diox | ide | e % | | n GUNII | Gas Gravity - G | | | |
| Vertical Depth(H) | | | | | .23076 | .230% Pressure Taps | | | .94% | | | .6838 (Meter Run) (Prover) Size | | |
| | | | | | | FLANGE | | | 172711 | | 2" | | | |
| Pressure Buildup: Shut in 8/2/11 20_ | | | | | | | | | 3/3/11 20 at 10:00 (AM) (| | | AM) (PM) | | |
| Well on L | ine: | | Started 3/ | 3/11 2 | 0 at | TO:00 | (AM) (PM) | Taken | | 20 | at | | AM) (PM) | |
| | , | | | | | OBSERVE | D SURFACE | DATA | | | Duration of Shui | t-in 24 | Hours | |
| Static / Dynamic Property | ynamic Size | | Circle ene: Meter Prover Pressur psig (Pm) | | Flowing Well Head Temperature | | Casing Wellhead Pressure (P _w) or (P _r) or (P _c) | | Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) | | Duration Li (Hours) | | d Produced Barrels) | |
| Shut-In | t-in | | psig (Fili) | Inches H ₂ 0 | | | psig 50 | psia | psig | psia | | | | |
| Flow | - | | | | | | | | | 1 | | | | |
| | · | | | | | FLOW STR | EAM ATTRI | BUTES | | | | | | |
| Plate Coefficcient (F _b) (F _p) Mcfd | | | Circle one: Meter or ver Pressure psia | Press Extension √ P _m x h | Grav Fact F _c | lor 1 | Flowing Temperature Factor F _{tt} | | ation ctor | Metered Flow R (Mcfd) | GOR (Cubic Fi Barrel | eet/ | Flowing Fluid Gravity G _m | |
| | | | <u> </u> | | | | | | | | | | | |
| (P _c)² = | | : | (P_)² =_ | : | (OPEN FLO | | ERABILITY) % (P. | CALCUL - 14.4) + | | | (P. (P. |) ² = 0.2 | 07 | |
| (P _e) ² - (P _e) ² or (P _e) ² - (P _e) ² | | (P _a) ² - (P _a) ² | | 1. P _a ² - P _a ² 2. P _a ² - P _d ² ided by: P _c ² - P _d ² | LOG of formula 1, or 2, and divide by: | p ₂ . p ₂ | Backpres Slope Ass | Backpressure Curve Slope = "n" Assigned Standard Slope | | oe [| Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) | | |
| | | | | | | | | | | | | | | |
| ·- | | | | | <u> </u> | | | | | | | <u> </u> | | |
| Open Flow Mcfd @ 14.65 psia | | | | | | | Deliverability Mcfd @ 14.65 psia | | | | | | | |
| | | | authority, on | | | | 7. | L.L. | | above repor | t and that he ha | as knowl | edge of | |
| | | | Witness (If a | ny) | , | • | _ | MIDC | O EXPL | ORATION | , INC. | R | ECEIVE | |
| | | | For Commiss | zion | | | _ | | cuf | Check | | SE | P-1-9- 2 | |

| I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator MIDCO EXPLORATION, INC. and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. | • |
|---|-----------|
| exempt status under Rule K.A.R. 82-3-304 on behalf of the operator MIDCO EXPLORATION, INC. and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records | |
| I hereby request a one-year exemption from open flow testing for theJ L GRAVES #1 gas well on the grounds that said well: | nd rds |
| (Check one) is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No. ✓ is not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commissions at a necessary to corroborate this claim for exemption from testing. | ssion |
| Date: 9/7/11 Signature: | - |

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption IS denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.